

## **Focus Area 16: Maternal, Infant, and Child Health**

**Objective 16-3c** targets the reduction in deaths among young adults aged 20-24 years to a rate of 41.5 per 100,000 population.

A total of 2,146 deaths among young adults aged 20-24 were reported in 2004, at a rate of 82.4 per 100,000 population (Figure 16-3c, Table 16-3c). California's death rates for young adults aged 20-24 were significantly higher than the target established in HP2010, and no significant trend was found between 2000 and 2004.

Examined by gender, death rates for males aged 20-24 (121.6 per 100,000 in 2004) were significantly higher than those for females aged 20-24 (38.7 per 100,000 in 2004). The HP2010 objective is being achieved for females, but not for males aged 20-24 as of 2004.

Data by race-ethnicity show that the highest reliable death rates among young adults aged 20-24 were for African Americans/Blacks (150.6 per 100,000 population in 2004). Their rates were significantly higher than the death rates for all other racial and ethnic populations aged 20-24, and significantly higher than the HP2010 target. The next highest death rates among persons aged 20-24 were found for Whites (84.9 per 100,000 in 2004), followed by Hispanics/Latinos (80.4 per 100,000 in 2004), Asians (47.8 per 100,000 in 2004), and Multirace persons (46.4 per 100,000 in 2004). The HP2010 objective is not being achieved for any of these racial and ethnic populations. Unreliable death rates due to a small number of events were found for the American Indian/Alaska Native and the Pacific Islander populations aged 20-24 years, and are not reported here.

For more information on young adult deaths in California, visit the Maternal and Child Health Branch Web site at:

<http://www.mch.dhs.ca.gov/>

For more information on Healthy People 2010 objective 16-3c please visit:

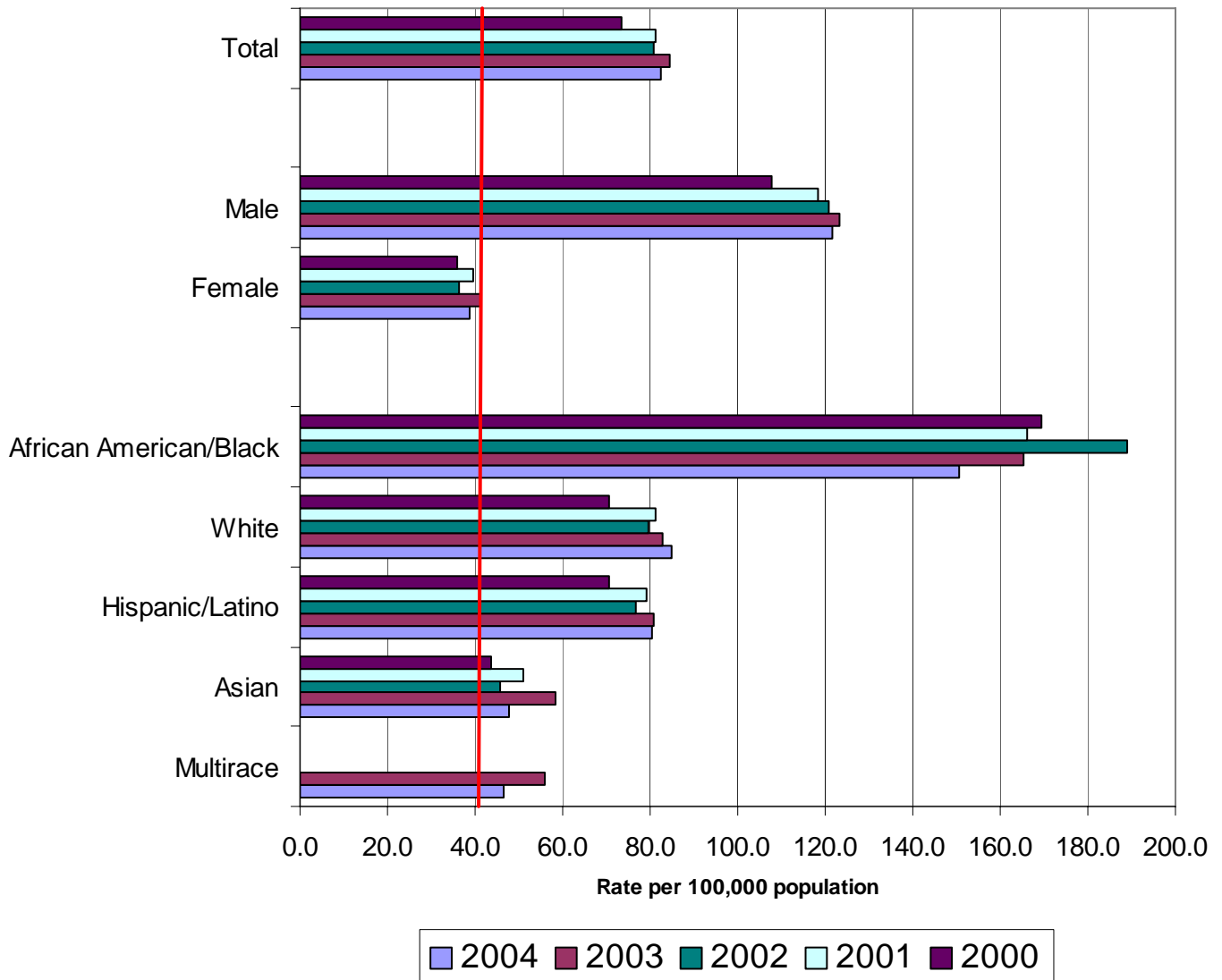
[http://www.healthypeople.gov/Document/HTML/Volume2/16MICH.htm#\\_Toc494699661](http://www.healthypeople.gov/Document/HTML/Volume2/16MICH.htm#_Toc494699661)

and

<http://www.healthypeople.gov/Document/html/tracking/od16.htm#fetaldeaths>

**Figure 16-3c**  
**Young Adult Death Rates, Ages 20-24**  
**California, 2000-2004**

Healthy People 2010 Objective = 41.5



**Table 16-3c: Deaths and Death Rates Among Young Adults Aged 20-24 Years, California 2000-2004**

| Objective 16-3c                   | 2000  |                   | Lower Upper |          | 2001  |                   | Lower Upper |          |
|-----------------------------------|-------|-------------------|-------------|----------|-------|-------------------|-------------|----------|
|                                   | N     | Rate <sup>1</sup> | 95% C.I.    | 95% C.I. | N     | Rate <sup>1</sup> | 95% C.I.    | 95% C.I. |
| <b>Healthy People 2010 Target</b> |       | <b>41.5</b>       |             |          |       | <b>41.5</b>       |             |          |
| <b>Statewide Total</b>            | 1,759 | 73.4              | 70.0        | 76.8     | 1,978 | 81.1              | 77.5        | 84.6     |
| <b>Race-Ethnicity</b>             |       |                   |             |          |       |                   |             |          |
| African American/Black            | 260   | 169.2             | 148.7       | 189.8    | 264   | 166.1             | 146.1       | 186.1    |
| American Indian/Alaska Native     | 17    | DSU               | -----       | -----    | 11    | DSU               | -----       | -----    |
| Asian                             | 121   | 43.5              | 35.8        | 51.3     | 144   | 50.9              | 42.6        | 59.2     |
| Hispanic/Latino                   | 729   | 70.7              | 65.5        | 75.8     | 845   | 79.1              | 73.8        | 84.5     |
| Pacific Islander                  | 10    | DSU               | -----       | -----    | 9     | DSU               | -----       | -----    |
| White                             | 607   | 70.5              | 64.9        | 76.1     | 693   | 81.2              | 75.2        | 87.2     |
| Multirace                         | 12    | DSU               | -----       | -----    | 9     | DSU               | -----       | -----    |
| <b>Gender</b>                     |       |                   |             |          |       |                   |             |          |
| Female                            | 408   | 35.7              | 32.3        | 39.2     | 460   | 39.7              | 36.0        | 43.3     |
| Male                              | 1,351 | 107.7             | 102.0       | 113.5    | 1,518 | 118.5             | 112.6       | 124.5    |

| Objective 16-3c                   | 2002  |                   | Lower Upper |          | 2003  |                   | Lower Upper |          |
|-----------------------------------|-------|-------------------|-------------|----------|-------|-------------------|-------------|----------|
|                                   | N     | Rate <sup>1</sup> | 95% C.I.    | 95% C.I. | N     | Rate <sup>1</sup> | 95% C.I.    | 95% C.I. |
| <b>Healthy People 2010 Target</b> |       | <b>41.5</b>       |             |          |       | <b>41.5</b>       |             |          |
| <b>Statewide Total</b>            | 2,004 | 80.6              | 77.1        | 84.2     | 2,146 | 84.4              | 80.8        | 88.0     |
| <b>Race-Ethnicity</b>             |       |                   |             |          |       |                   |             |          |
| African American/Black            | 314   | 189.1             | 168.2       | 210.0    | 290   | 165.2             | 146.2       | 184.2    |
| American Indian/Alaska Native     | 13    | DSU               | -----       | -----    | 12    | DSU               | -----       | -----    |
| Asian                             | 131   | 45.9              | 38.0        | 53.8     | 164   | 58.3              | 49.3        | 67.2     |
| Hispanic/Latino                   | 841   | 76.7              | 71.5        | 81.8     | 911   | 81.0              | 75.7        | 86.3     |
| Pacific Islander                  | 10    | DSU               | -----       | -----    | 10    | DSU               | -----       | -----    |
| White                             | 678   | 79.4              | 73.4        | 85.4     | 724   | 82.9              | 76.8        | 88.9     |
| Multirace                         | 14    | DSU               | -----       | -----    | 32    | 55.8              | 36.5        | 75.2     |
| <b>Gender</b>                     |       |                   |             |          |       |                   |             |          |
| Female                            | 426   | 36.2              | 32.8        | 39.6     | 493   | 41.1              | 37.4        | 44.7     |
| Male                              | 1,578 | 120.6             | 114.7       | 126.6    | 1,653 | 123.1             | 117.2       | 129.1    |

| Objective 16-3c                   | 2004  |                   | Lower Upper |          | 5-year | HP2010 Objective |
|-----------------------------------|-------|-------------------|-------------|----------|--------|------------------|
|                                   | N     | Rate <sup>1</sup> | 95% C.I.    | 95% C.I. | Trend  | Being Achieved?  |
| <b>Healthy People 2010 Target</b> |       | <b>41.5</b>       |             |          |        |                  |
| <b>Statewide Total</b>            | 2,146 | 82.4              | 78.9        | 85.9     | ns     | No               |
| <b>Race-Ethnicity</b>             |       |                   |             |          |        |                  |
| African American/Black            | 274   | 150.6             | 132.7       | 168.4    | ns     | No               |
| American Indian/Alaska Native     | 11    | DSU               | -----       | -----    | n/a    | Unk              |
| Asian                             | 140   | 47.8              | 39.9        | 55.8     | ns     | No               |
| Hispanic/Latino                   | 919   | 80.4              | 75.2        | 85.6     | ns     | No               |
| Pacific Islander                  | 11    | DSU               | -----       | -----    | n/a    | Unk              |
| White                             | 760   | 84.9              | 78.9        | 91.0     | ns     | No               |
| Multirace                         | 28    | 46.4              | 29.2        | 63.6     | n/a    | No               |
| <b>Gender</b>                     |       |                   |             |          |        |                  |
| Female                            | 476   | 38.7              | 35.2        | 42.1     | ns     | Yes              |
| Male                              | 1670  | 121.6             | 115.8       | 127.4    | ns     | No               |

SOURCES: CA Department of Health Services, Death Records, 2000-2004; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: Includes all causes of death, ICD-10 codes A00 - Z99.

<sup>1</sup> Rate per 100,000 population aged 20 - 24 years.

ns No significant trend as measured by linear regression analysis; n/a Not applicable (fewer than five data points).

DSU Data statistically unreliable (Relative Standard Error greater than 23 percent).